

Applicant : Hubert Köster, Ph.D.  
Serial No. : 10/760,085  
Filed : January 16, 2004

Attorney's Docket No.: 21121-009001/ 2309  
Amendment and Response to Notice to Comply

**AMENDMENTS TO THE DRAWINGS:**

Please amend the drawings according to the attached set of figures, on which the amendments are indicated in red ink. Specifically, in Figure 13 please insert the reference to SEQ ID NOS: 155-158 as shown on the hand-annotated page.

The attached sheet, which includes Figure 13, replaces the original drawing sheet for Figure 13.

Attachments following last page of this Amendment:

Replacement Sheet (1 page)

Annotated Sheet Showing Change(s) (1 page)

## REMARKS

### Amendments to the Sequence Listing

Attached herewith are the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, mailed March 27, 2007, a paper and compact disk copy in CRF form of the Substitute Sequence Listing, a Verified Statement that the content of the paper and computer readable copy are the same and one sheet of replacement drawings containing Figure 13. Any fee that may be due in connection with this application may be charged to Deposit Account No. 06-1050. If a Petition for extension of time is needed, this paper is to be considered such Petition.

The replacement Sequence Listing differs from the Sequence Listing as originally filed in that the replacement Sequence Listing reflects corrections made in response to the Notice to Comply, mailed on March 27, 2007, as well as a few minor typographical errors, as follows:

Identifiers <110> and <130> are amended to correct a typographical error in the listing of applicants and update the file reference number for the above identified application, respectively. Identifiers <140> and <141> are amended to incorporate the now-available U.S. Application Serial number, 10/760,085, and the date on which the above-identified application was filed, January 16, 2004. SEQ ID NOS: 150-158 are added to list sequences disclosed in Examples 1 and 2 of the specification (pages 162-163) and Figure 13. Identifier <160> is amended to update the number of sequences listed due to the addition of SEQ ID NOS: 150-158.

Numeric identifiers <223> of SEQ ID NOS. 7, 29, 48, 90, 102, 106, 117, 118, 124, 136 and 138 are amended to recite "PYRROLIDONE CARBOXYLIC ACID", and numeric identifier <223> of SEQ ID NO. 29 is amended to recite "SULFATATION", to be consistent with WIPO Standard ST.25 (1998), Appendix 2, Table 6 list of feature keys related to protein sequences. In addition, the amino acids at position 1 of SEQ ID NOS. 7, 29, 48, 90, 102, 106, 117, 118, 124, 136, 138 are amended from "Xaa" to "Glu"; the amino acid at position 4 of SEQ ID NO. 29 is amended from "Xaa" to "Tyr"; and the amino acids at positions 10 and 26 of SEQ ID NO: 13 are amended from "Xaa" to "Leu". Basis for these amendments can be found, for example, in the sequence listing as originally filed, and in the table at pages 102-107 of the specification.

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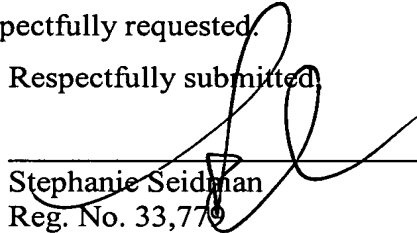
Furthermore, the amidation feature key of SEQ ID NOS. 7, 26, 27, 48, 52, 58, 79, 90, 93, 98, 99, 100, 101, 106, 107, 115, 117, 118, 130, 138 is moved from identifier <221> to <223>, and identifier <221> is amended to "MOD\_RES" to correct typographical errors. The acetylation feature key of SEQ ID NO. 83 is moved from identifier <221> to <223>, and identifier <221> is amended to "MOD\_RES" to correct typographical errors. Numeric identifiers <220> are inserted in SEQ ID NOS. 7, 13, 29, 48, 83, 90, 106, 117, 118, 138 to specify each modification to the sequence. No new matter is added.

### **Amendments to the Specification and Drawings**

The specification and Figure 13 are amended to reference the added sequence listings 150-158 and to correct minor typographical errors in Examples 1b and 1c by replacing a "plus" symbol (+) with a "does not equal" symbol ( $\neq$ ). No new matter is added.

Accordingly, entry of the amendment and replacement Sequence Listing into the file history of the above-captioned application is respectfully requested.

Respectfully submitted,

  
Stephanie Seidman  
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Attorney Docket No. 21121-009001/ 2309

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